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(54) **RADIATOR ASSEMBLY FOR A VEHICLE**

(71) Applicant: **BOMBARDIER RECREATIONAL PRODUCTS INC.**, Valcourt (CA)

(72) Inventors: **David Laroche**, Sherbrooke (CA);
Sebastien Lavoie, Valcourt (CA)

(73) Assignee: **BOMBARDIER RECREATIONAL PRODUCTS INC.**, Valcourt (CA)

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See application file for complete search history.

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Primary Examiner — Bryan Evans

(74) *Attorney, Agent, or Firm* — BCF LLP

(57) **ABSTRACT**

A vehicle has a frame defining a longitudinal axis, a straddle seat, left and right front wheels, at least one rear wheel, a motor and a front cowling assembly being supported by the frame. At least a portion of an air inlet defined in the front cowling assembly faces forwardly. An air outlet is defined in the front cowling assembly and fluidly communicating with the air inlet. At least a portion of the air outlet faces laterally outwardly. A radiator fluidly communicating with the motor is enclosed at least in part by the front cowling assembly. At least a portion of the air flowing from the air inlet flows through the air outlet and through the radiator. A projection of the radiator on a longitudinally disposed vertical plane is greater than a projection of the radiator on a laterally disposed vertical plane.

20 Claims, 17 Drawing Sheets

